

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STÉPHANE RAFFY	04/06/2018
NABIL NAHAS	04/20/2018
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15769272
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<b>ATTORNEY DOCKET NUMBER:</b>	077352-0458579
<b>NAME OF SUBMITTER:</b>	MARGARET BARHAM
<b>SIGNATURE:</b>	/Margaret Barham/
<b>DATE SIGNED:</b>	05/01/2018
<b>Total Attachments: 2</b>	
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source=077352-0458579_Assignment#page2.tif	

Please return signed/recorded to:

Pillsbury Winthrop Shaw Pittman LLP

Intellectual Property Group  
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USA Patent Appln.  
Sole or Joint

For Inventions made outside USA  
executed with or after application

Atty. Dkt. 077352-0458579	Client Ref.: 2015092 US-FL7
M#	Client Ref.

NONPROVISIONAL

ASSIGNMENT  
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT	(1) Stéphane RAFFY	(2) Nabil NAHAS
NAME(S) OF	(3)	(4)
INVENTOR(S)	(5)	(6)

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN  
NAME(S) OF 18 Avenue d'Alsace  
ASSIGNEE(S) 92400 Courbevoie  
France

& ADDRESS(ES)  
(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION FUSED SPINEL-ZIRCONIA GRAINS AND REFRACTORY PRODUCT OBTAINED FROM SAID GRAINS


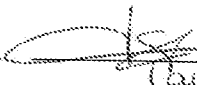
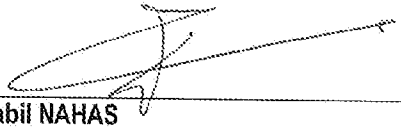
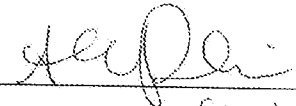
for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A)  even date herewith  
(Complete) (B)  on  
line A, B and/or C (C)  in U.S. Appln. No. 15/769,272 filed April 18, 2018

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

**NOTE** → → The undersigned hereby authorize(s) Pillsbury Winthrop Shaw Pittman LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTOR</u>	<u>DATE SIGNED</u>	<u>WITNESS</u>
1) Name:	 Stéphane RAFFEY	April 1 <sup>st</sup> , 2018	 Lawrence JACQUIN
2) Name:	 Nabil NAHAS	April 20 <sup>th</sup> 2018	 Sarah E. Platin

PAT-114 100  
4850-1678-1663.v1